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AMERICAN ASSOCIATION
OF COLLEGES OF PHARMACY

DEGREES CONFERRED BY SCHOOLS AND COLLEGES OF PHARMACY

1987-1988

by

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Data Tabulated by

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1987-1988 DEGREES CONFERRED
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The AACP Institutional Research Committee is an advisory committee to AACP staff for the purpose of providing guidance regarding AACP's data gathering and analysis projects. The Committee consists of the following AACP members:

Arthur D. Broom, Ph.D. (Utah)
David A. Knapp, Ph.D. (Maryland)
Ronald W. Maddox, Pharm.D. (Campbell)
Gerald E. Schumacher, Ph.D. (Northeastern)
Michael A. Schwartz, Ph.D. (Florida)
Michael S. Sherman, Ph.D. (Association Research, Inc.)

The Committee provides valuable assistance to staff and Association Research, Inc. in revising the Degrees Conferred Survey.

The reader will note that this report reflects a 100 percent response to the survey. The Association wished to express its appreciation to the pharmacy school deans and their staffs who devoted their valuable time to complete the survey instruments that led to this report.

INTRODUCTION

This report continues a tradition, established in 1959, of gathering and reporting data and statistics on the degrees conferred by U.S. pharmacy schools. These reports have become useful to AACP, member schools, other pharmacy organizations, and private and government agencies concerned with health manpower. They serve as an indicator of the U.S. pharmacy schools' output of pharmacy practitioners.

AACP's database for degrees conferred by schools and colleges of pharmacy extends back to 1960.

In 1985, AACP changed the definition of academic disciplines in pharmacy education for the purpose of gathering and reporting data. As a result, comparing degrees conferred in the various disciplines with previous years must be approached with the knowledge that the definitions have been changed.

As in most reports of this type, more questions are uncovered than are answered. The analysis section, which follows, does not attempt as exhaustive analytical treatment of the data or particular questions; rather, it provides an overview. Pharmacy researchers are encouraged to use AACP's database to conduct more detailed investigations to answer specific questions.

ANALYSIS

Entry Level Degrees

For the purpose of this analysis, entry level degrees in pharmacy include the Bachelor (B.S., B.Pharm.) and entry level Doctor of Pharmacy (Pharm.D.) degrees. The post-baccalaureate Pharm.D. degree is treated in a separate section below. Entry level Pharm.D. degrees are identified as "Pharm.D. (1st)" and post B.S. Pharm.D. degrees are identified as "Pharm.D.(2nd)."

Data concerning entry degrees conferred by U.S. pharmacy schools in 1987-88 are contained in Tables A through I and are displayed in Figures 1 through 6. These tables and figures provide historical data for the purpose of showing trends.

Pharmacy schools awarded a total of 5371 Baccalaureate and 813 entry Pharm.D. degrees in 1987-88. The total entry degrees awarded, 6184, is 5.6 percent greater than the 5854 degrees conferred in the 1986-87 academic year. This increase continues a trend in entry degree increases first seen in 1985 (see Figure 3). Baccalaureate degrees increased 4.0 percent over 1986-87 (Figure 1), while entry Pharm.D. degrees advanced 17.8 percent (Figure 2). This rise in entry Pharm.D. degrees represents the fourth year in a row of steep increases.

The production of entry Pharm.D.s has been going up consistently since AACP began to gather data on the degree in 1960 (see Figure 2). Since 1985, the production of entry Pharm.D.s has increased an average of 18.8 percent per year.

In the 1987-88 academic year, entry Pharm.D. degrees constituted 13.2 percent of all entry degrees. This value has also been increasing over time. It was 6.0 percent in 1980, 9.7 percent in 1985, 10.5 percent in 1986, and 11.8 percent in 1987.

Table C provides data broken down by NABP/AACP district, and Tables D and F display data by census regions (these data exclude Puerto Rico). Figures 5 and 6 provide graphic visualizations of the contributions that the census regions made to the pharmacy manpower pool in 1987-88. The states located in the census regions are:

New England:	Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont
Mid Atlantic:	New Jersey, New York, Pennsylvania

South Atlantic:	Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, West Virginia
East South Central:	Alabama, Kentucky, Mississippi, Tennessee
West South Central:	Arkansas, Louisiana, Oklahoma, Texas
East North Central:	Illinois, Indiana, Michigan, Ohio, Wisconsin
West North Central:	Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota
Mountain:	Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, Wyoming
Pacific:	Alaska, California, Hawaii, Oregon, Washington

Post Baccalaureate Pharm.D.

Post B.S. Pharm.D. degrees declined by 25 percent from 212 in 1986-87 to 159 in 1987-88 (see Figure 4). Production of post B.S. Pharm.D.s peaked in 1984 and has been declining to where this year's output is similar to what it was in the early '70s. Increasing enrollments in post B.S. Pharm.D. programs during the past two years may be reflected in increasing numbers of graduates in the future.

Graduate Degrees

Masters Degrees increased from 348 to 353, a 1.4 percent rise over 1986-87 (Tables A, B and K and Figure 7).

Doctor of Philosophy degrees fell by 7 percent (263 degrees awarded in 1987-88 compared with 283 in 1986-87). Tables A, B and L contain these data and they are depicted in Figure 8. All disciplines except pharmaceutics awarded fewer Ph.D. degrees when compared with 1986-87. Pharmaceutics increased its number of Ph.D. degrees by 3.2 percent, while pharmaceutical chemistry fell by 6 percent.

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Gender

Figures 1 through 4 display the relative changes in the ratios of males to females for entry degrees and post B.S. Pharm.D. degrees. Most of the tables show data disaggregated by gender. Females received 58.5 percent of the entry degrees (B.S. and entry Pharm.D.) awarded in 1987-88. This is up from 56.9 percent in 1986-87. Females received 60.4 percent of the entry Pharm.D. degrees and 58.2 percent of the Baccalaureate degrees. Two factors appear to be contributing to the increasing percentage of women in the entry degree manpower pool: the decline in the number of males and the increase in the number of females receiving entry degrees. As shown in Table A and Figure 3, the number of males receiving entry degrees in 1988 increased slightly over 1987. The steep decline in entry degrees awarded to males which began in 1977 has apparently ended and may show signs of turning around. It remains questionable, however, whether the rate of increase in male degree recipients will approach that of females.

Females receiving Masters degrees comprised 45 percent of the total in 1988 compared with 43.4 percent in 1987. Women receiving Ph.D. degrees fell from 28.3 percent in 1987 to 20.9 percent in 1988.

Ethnic Minorities

Table G contains data on degrees conferred on ethnic minorities.

Entry pharmacy degrees awarded to Black Americans decreased 5.4 percent from 298 in 1986-87 to 282 in 1987-88. Contributing to the decline was a 9.2 percent drop in B.S. degrees awarded to Black American students. However, Black Americans receiving entry Pharm.D. degrees rose by 22 percent.

Masters degrees were awarded to 12 American Black students, and Ph.D. degrees were conferred on two students in 1987-88. Entry degrees for Hispanic American students declined 3.9 percent. Baccalaureate degrees fell 4.3 percent while entry Pharm.D.s remained unchanged. Four Hispanic American students received Masters degrees and three students received Ph.D. degrees in 1987-88.

Twelve Native American students received entry pharmacy degrees and two students received Masters degrees in 1987-88. There were no other degrees awarded to Native Americans during this academic year.

FIGURE 1: BACHELOR OF SCIENCE
Degrees Conferred

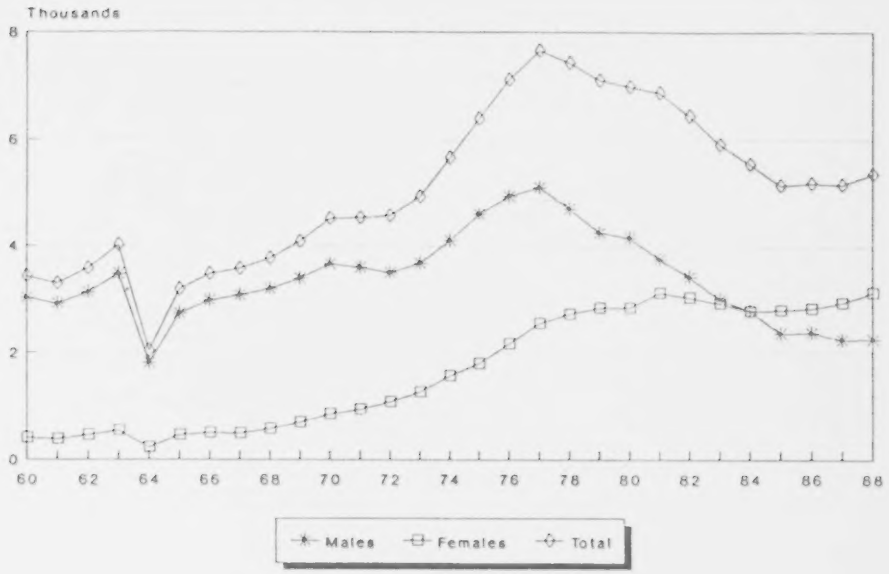

FIGURE 2: DOCTOR OF PHARMACY
First Professional Degree

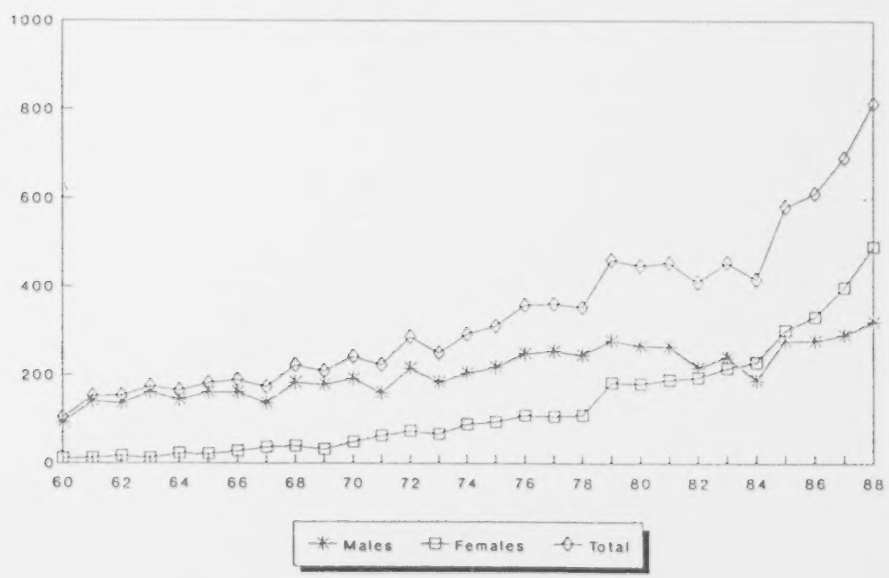

FIGURE 3: ENTRY LEVEL DEGREES
B.S. & PHARM.D (1st Prof. Degree)

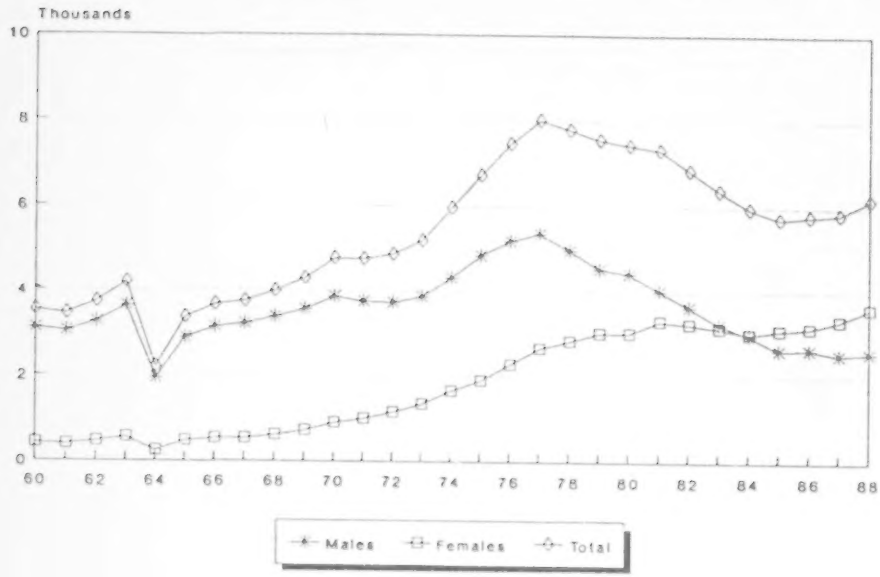

FIGURE 4: DOCTOR OF PHARMACY
Post Baccalaureate Degree

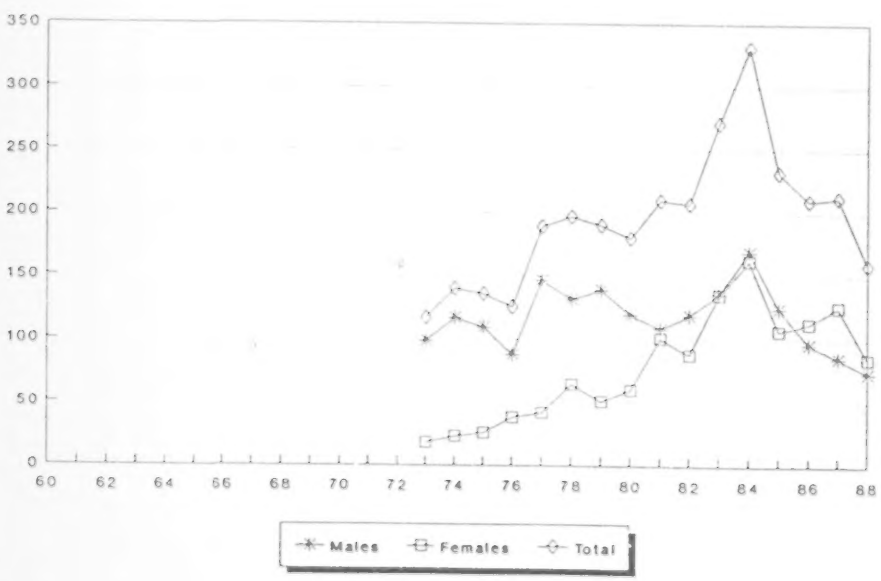

Figure 5: ENTRY LEVEL DEGREES
Northeast & South Regions

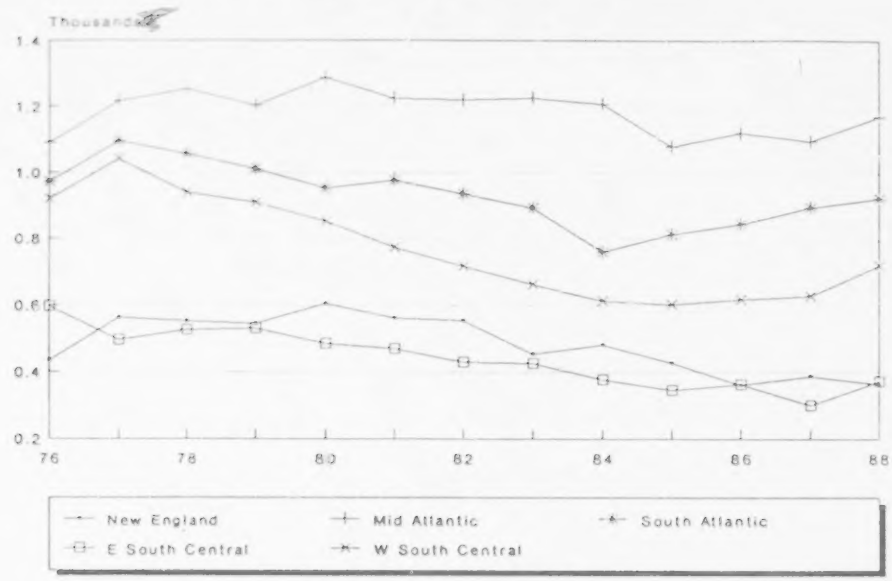

Figure 6: ENTRY LEVEL DEGREES
Midwest & West Regions

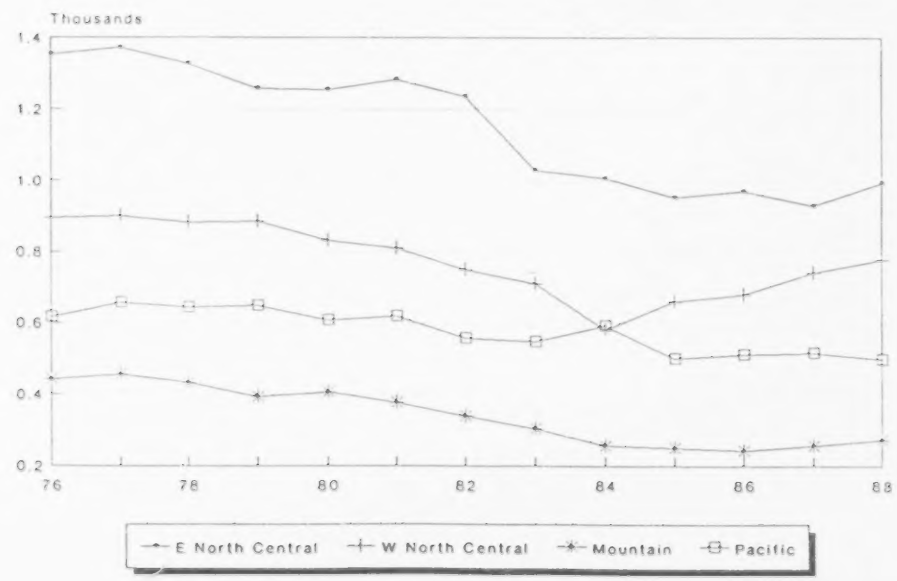

FIGURE 7: MASTER OF SCIENCE

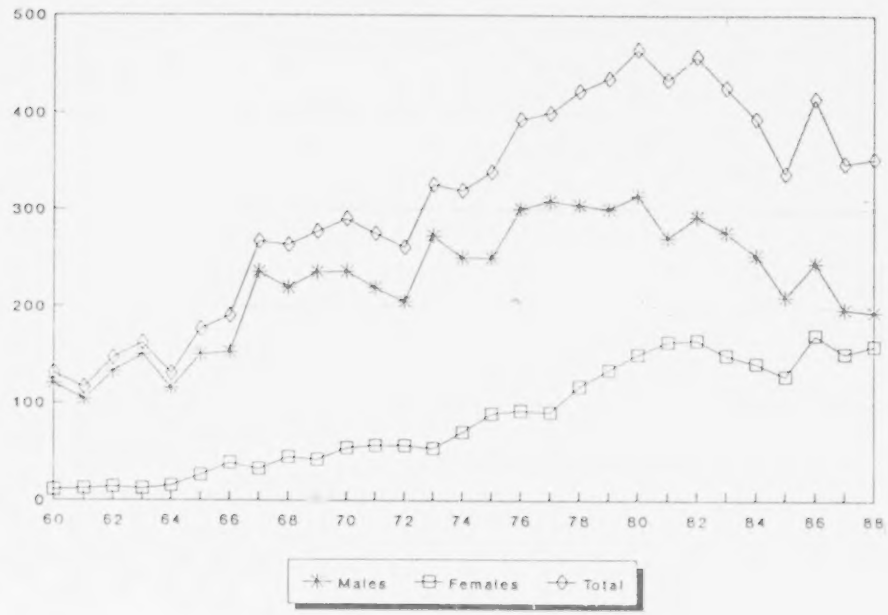

FIGURE 8: DOCTOR OF PHILOSOPHY

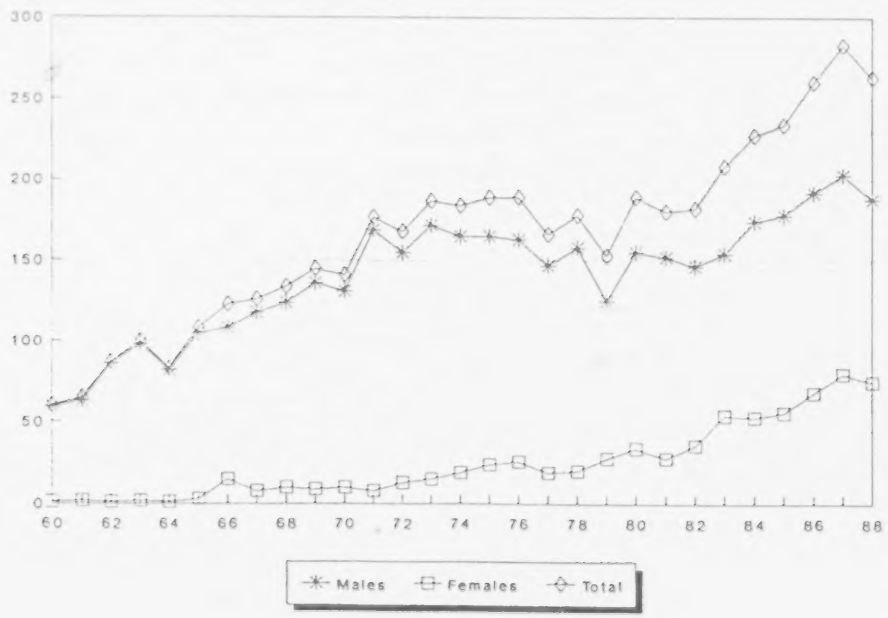

FIGURE 9: ALL PHARMACY DEGREES

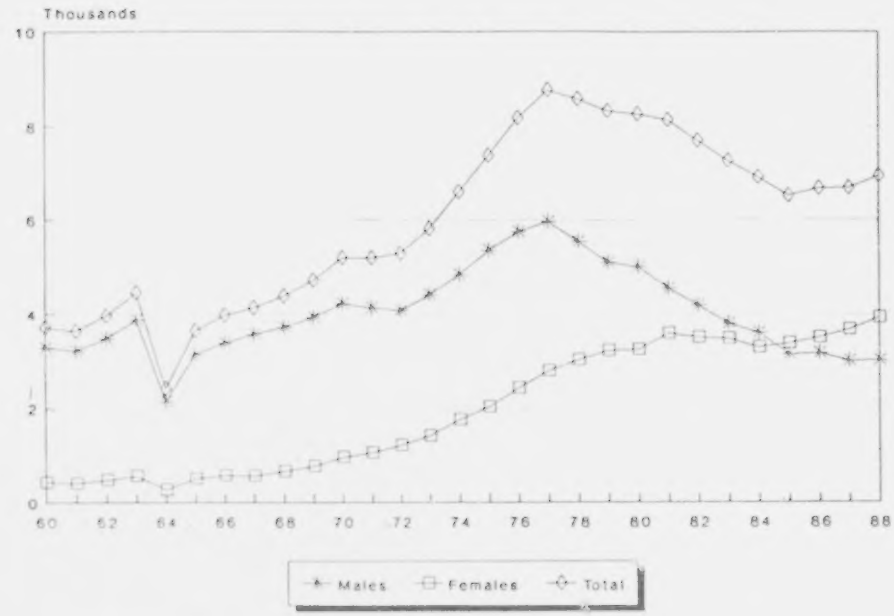

TABLE A: PHARMACY DEGREES AWARDED 1960 - 1988

YEAR	BS PHARMACY M	BS PHARMACY F	BS PHARMACY Tot	PHARM D 1 M	PHARM D 1 F	PHARM D 1 Tot	PHARM D 2 M	PHARM D 2 F	PHARM D 2 Tot	M S M	M S F	M S Tot	Ph D M	Ph D F	Ph D Tot	TOTAL M	TOTAL F	TOTAL Tot
1960	3018	406	3424	92	10	102				120	11	131	59	1	60	3289	428	3717
1961	2906	387	3293	140	12	152				104	12	116	63	2	65	3213	413	3626
1962	3122	452	3574	137	17	154				132	14	146	86	1	87	3477	484	3961
1963	3472	542	4014	162	12	174				150	12	162	98	2	100	3882	568	4450
1964	1799	230	2029	144	22	166				115	15	130	82	1	83	2140	268	2408
1965	2723	454	3177	162	21	183				150	26	176	105	3	108	3140	504	3644
1966	2970	500	3470	161	28	189				152	38	190	108	15	123	3391	581	3972
1967	3078	493	3571	136	37	173				235	32	267	118	8	126	3567	570	4137
1968	3194	572	3766	183	39	222				219	44	263	124	10	134	3720	665	4385
1969	3384	695	4079	178	31	209				235	42	277	136	9	145	3933	777	4710
1970	3664	853	4517	192	49	241				236	54	290	131	10	141	4223	966	5189
1971	3589	935	4524	160	63	223				219	56	275	169	8	177	4137	1062	5199
1972	3498	1072	4570	215	73	288				205	56	261	155	13	168	4073	1214	5287
1973	3674	1259	4933	184	67	251	99	18	117	273	53	326	172	15	187	4402	1412	5814
1974	4104	1559	5663	205	89	294	117	23	140	250	70	320	165	19	184	4841	1760	6601
1975	4607	1792	6399	218	95	313	110	26	136	250	89	339	165	24	189	5350	2026	7376
1976	4940	2165	7105	250	109	359	88	38	126	301	92	393	163	26	189	5742	2430	8172
1977	5108	2541	7649	255	107	362	147	42	[illegible]	309	90	399	147	19	[illegible]	5966	2799	8765
1978	4715	2715	7430	246	109	355	132	65	[illegible]	305	117	422	158	20	178	5556	3026	8582
1979	4260	2835	7095	278	183	461	139	51	[illegible]	301	134	435	125	28	153	5103	3231	8334
1980	4154	2831	6985	267	180	447	120	60	180	315	150	465	155	34	189	5011	3255	8266
1981	3753	3116	6869	265	189	454	109	101	210	271	163	434	152	28	180	4550	3597	8147
1982	3417	3031	6448	217	194	411	119	88	207	293	165	458	146	36	182	4192	3514	7706
1983	2994	2925	5919	240	215	455	136	135	271	277	149	426	154	54	208	3801	3478	7279
1984	2779	2767	5546	188	229	417	169	162	331	253	141	394	174	53	227	3610	3305	6915
1985	2356	2788	5144	278	302	580	125	107	232	210	128	338	178	56	234	3147	3381	6528
1986	2370	2820	5190	278	332	610	97	113	210	245	170	415	192	68	260	3182	3503	6685
1987	2235	2929	5164	291	399	690	86	126	212	197	151	348	203	80	283	3012	3685	6697
1988	2245	3126	5371	322	491	813	74	85	159	194	159	353	188	75	263	3023	3936	6959

PHARM D 1 : DOCTOR OF PHARMACY as First Professional Degree

PHARM D 2 : DOCTOR OF PHARMACY as Post Baccalaureate Degree

Totals are for all AACP Schools, including Puerto Rico

TABLE B:

DEGREES CONFERRED BY COLLEGES OF PHARMACY

COLLEGE	BS PHARM *		PHARM D1		PHARM D2		M. S.		Ph. D.		HONORARY		TOTAL DEGREES		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	TOTAL
Auburn	33	54	0	0	2	0	13	8	3	0	0	0	51	62	113
Samford	27	49	0	0	0	0	0	0	0	0	0	0	27	49	76
Arizona	11	25	7	5	0	0	6	3	7	3	0	0	31	36	67
Arkansas	26	34	0	0	0	0	0	2	0	0	0	0	26	36	62
California	0	0	29	71	0	0	0	0	7	4	0	0	36	75	111
Pacific	4	5	35	40	0	0	0	1	1	1	0	0	40	47	87
Southern California	0	0	54	77	0	0	0	0	3	0	0	0	57	77	134
Colorado	28	25	0	0	0	0	0	0	0	0	0	0	28	25	53
Connecticut	22	53	0	0	0	0	3	1	3	4	0	0	28	58	86
Howard	13	28	2	1	0	0	0	0	0	0	0	0	15	29	44
Florida A & M	10	18	2	9	0	1	1	0	0	0	0	0	13	28	41
Southeastern	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida	7	12	14	26	0	0	0	2	4	4	0	0	25	44	69
Mercer	0	0	50	56	0	1	0	0	0	0	0	1	50	58	108
Georgia	47	100	0	0	4	0	2	0	4	2	0	0	57	102	159
Idaho State	25	12	0	0	0	0	2	0	0	0	0	0	27	12	39
Illinois	0	1	39	49	4	0	1	2	1	2	0	0	45	54	99
Butler	16	39	0	0	0	0	1	3	0	0	0	0	17	42	59
Purdue	43	89	2	7	2	3	3	4	13	4	0	1	63	108	171
Drake	33	38	0	0	0	0	0	0	0	0	0	0	33	38	71
Iowa	38	58	4	2	0	0	1	3	4	4	0	0	47	67	114
Kansas	41	31	0	0	0	0	17	8	10	4	0	0	68	43	111
Kentucky	21	48	2	5	2	4	1	0	5	3	0	0	31	60	91
Northeast Louisiana	89	78	0	0	0	0	1	1	3	0	0	0	93	79	172
Xavier	22	30	0	0	0	0	0	0	0	0	0	0	22	30	52
Maryland	28	46	0	1	1	4	0	1	3	1	0	0	32	53	85
Massachusetts	64	90	0	0	4	1	4	0	4	2	0	0	76	93	169
Northeastern	37	32	0	0	1	1	7	4	2	0	0	0	47	37	84
Ferris State	51	58	0	0	0	0	0	0	0	0	0	0	51	58	109
Michigan	0	0	13	26	2	0	1	3	8	3	0	0	24	32	56
Wayne State	63	60	0	0	5	6	4	5	0	0	0	0	72	71	143
Minnesota	35	54	9	21	7	6	2	3	10	3	0	0	63	87	150
Mississippi	36	49	0	0	0	0	3	5	3	0	0	0	42	54	96
St. Louis	59	92	0	0	0	0	0	1	0	0	0	0	59	93	152
Missouri-KC	24	41	0	0	0	0	3	2	6	1	0	0	33	44	77
Montana	16	14	0	0	0	0	0	0	0	0	0	0	16	14	30
Creighton	27	17	4	7	0	0	0	0	0	0	0	0	31	24	55
Nebraska	0	0	24	32	0	0	0	0	0	0	0	0	28	33	61
Rutgers	38	83	0	0	0	0	2	1	2	0	0	0	48	85	133
New Mexico	17	19	0	0	0	0	5	2	5	0	0	0	21	20	41
A & M Schwartz	45	67	0	0	0	0	4	1	0	0	0	0	62	88	150
St. Johns	85	118	0	0	2	4	18	26	12	0	0	0	117	148	265
S.U.N.Y. Buffalo	29	54	0	0	7	3	2	2	7	2	0	0	45	61	106
Albany	46	79	0	0	0	0	0	0	0	0	1	0	47	79	126
Campbell	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Carolina	57	98	5	2	2	3	5	5	1	1	0	0	70	109	179
North Dakota	25	26	0	0	1	1	0	1	1	0	0	0	27	28	55
Ohio Northern	35	60	0	0	0	0	0	0	0	0	0	0	35	60	95
Ohio State	52	59	0	0	8	8	14	4	5	2	0	0	79	73	152
Cincinnati	32	25	0	0	6	7	1	2	2	0	0	0	41	34	75
Toledo	31	38	0	0	0	0	5	1	0	0	0	0	36	39	75
S.W. Oklahoma	45	50	0	0	0	0	0	0	0	0	0	0	45	50	95
Oklahoma	26	45	0	0	0	0	0	1	2	1	0	0	28	47	75
Oregon State	36	40	0	0	0	0	2	1	0	2	0	0	38	43	81
Duquesne	63	57	0	0	2	4	1	0	2	0	0	0	68	61	129
Philadelphia	82	91	1	11	0	0	1	2	5	0	2	1	91	105	196
Temple	61	53	0	0	0	0	13	9	2	2	0	0	76	64	140
Pittsburgh	40	69	0	0	0	0	1	0	4	2	0	0	45	71	116
Puerto Rico	17	71	0	0	0	0	0	0	0	0	0	0	17	71	88
Rhode Island	28	38	0	0	0	2	2	2	3	1	0	0	33	43	76
Med. U. of S.C.	22	35	10	8	0	0	0	0	0	0	0	0	32	43	75
South Carolina	22	44	1	0	0	0	3	0	0	2	0	0	26	46	72
South Dakota	14	22	0	0	0	0	0	0	0	0	0	0	14	22	36
Tennessee	0	0	15	34	0	0	2	2	0	1	0	0	17	37	54
Texas Southern	16	23	0	0	0	0	0	0	0	0	0	0	16	23	39
Houston	40	64	0	0	0	0	1	5	4	0	0	0	45	69	114
Texas-Austin	52	80	0	0	7	11	2	3	7	3	0	0	68	97	165
Utah	29	15	0	1	1	4	4	0	6	3	0	0	40	23	63
Va. Commonwealth	27	61	0	0	3	6	0	0	2	4	0	0	32	71	103
Washington	27	29	0	0	1	5	0	0	2	0	0	0	30	34	64
Washington State	31	21	0	0	0	0	0	0	3	1	0	0	34	22	56
West Virginia	30	32	0	0	0	0	2	0	1	1	0	0	33	33	66
Wisconsin	41	64	0	0	0	0	11	6	6	2	0	0	58	72	130
Wyoming	8	16	0	0	0	0	0	0	0	0	0	0	8	16	24
TOTAL	2245	3126	322	491	74	85	194	159	188	75	3	3	3026	3939	6965

* Washington State confers a Bachelor of Pharmacy Degree

TABLE C: DEGREES CONFERRED BY AACP DISTRICTS

AACP DISTRICT	BS PHARM * M	BS PHARM * F	PHARM D1 M	PHARM D1 F	PHARM D2 M	PHARM D2 F	M. S. M	M. S. F	Ph. D. M	Ph. D. F	HONORARY M	HONORARY F	TOTAL DEGREES M	TOTAL DEGREES F	TOTAL
DISTRICT 1															
Connecticut	22	53	0	0	0	0	3	1	3	4	0	0	28	58	86
Massachusetts	64	90	0	0	4	1	4	0	4	2	0	0	76	93	169
Northeastern	37	32	0	0	1	1	7	4	2	0	0	0	47	37	84
Rhode Island	28	38	0	0	0	2	2	2	3	1	0	0	33	43	76
TOTAL	151	213	0	0	5	4	16	7	12	7	0	0	184	231	415
DISTRICT 2															
Howard	13	28	2	1	0	0	0	0	0	0	0	0	15	29	44
Maryland	28	46	0	1	1	4	0	1	3	1	0	0	32	53	85
Rutgers	38	83	0	0	0	0	5	2	5	0	0	0	48	85	133
A & M Schwartz	43	67	0	0	0	0	17	21	0	0	0	0	62	88	150
St. Johns	85	118	0	0	2	4	18	26	12	0	0	0	117	148	265
S.U.N.Y. Buffalo	29	54	0	0	7	3	2	2	7	2	0	0	45	61	106
Albany	46	79	0	0	0	0	0	0	0	0	1	0	47	79	126
Duquesne	63	57	0	0	2	4	1	0	2	0	0	0	68	61	129
Philadelphia	82	91	1	11	0	0	1	2	5	0	2	1	91	105	196
Temple	61	53	0	0	0	0	13	9	2	2	0	0	76	64	140
Pittsburgh	40	69	0	0	0	0	1	0	4	2	0	0	45	71	116
Va. Commonwealth	27	61	0	0	3	6	0	0	2	4	0	0	32	71	103
West Virginia	30	32	0	0	0	0	2	0	1	1	0	0	33	33	66
TOTAL	587	838	3	13	15	21	60	63	43	12	3	1	711	948	1659
DISTRICT 3															
Auburn	33	54	0	0	2	0	13	8	3	0	0	0	51	62	113
Samford	27	49	0	0	0	0	0	0	0	0	0	0	27	49	76
Florida A & M	10	18	2	9	0	1	1	0	0	0	0	0	13	28	41
Southeastern	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida	7	12	14	26	0	0	0	2	4	4	0	0	25	44	69
Mercer	0	0	50	56	0	1	0	0	0	0	0	1	50	58	108
Georgia	47	100	0	0	4	0	2	0	4	2	0	0	57	102	159
Mississippi	36	49	0	0	0	0	3	5	3	0	0	0	42	54	96
Campbell	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Carolina	57	98	5	2	2	3	5	5	1	1	0	0	70	109	179
Puerto Rico	17	71	0	0	0	0	0	0	0	0	0	0	17	71	88
Med. U. of S.C.	22	35	10	8	0	0	0	0	0	0	0	0	32	43	75
South Carolina	22	44	1	0	0	0	3	0	0	2	0	0	26	46	72
Tennessee	0	0	15	34	0	0	2	2	0	1	0	0	17	37	54
TOTAL	278	530	97	135	8	5	29	22	15	10	0	1	427	703	1130
DISTRICT 4															
Illinois	0	1	39	49	4	0	1	2	1	2	0	0	45	54	99
Butler	16	39	0	0	0	0	1	3	0	0	0	0	17	42	59
Purdue	43	89	2	7	2	3	3	4	13	4	0	1	63	108	171
Kentucky	21	48	2	5	2	4	1	0	5	3	0	0	31	60	91
Ferris State	51	58	0	0	0	0	0	0	0	0	0	0	51	58	109
Michigan	0	0	13	26	2	0	1	3	8	3	0	0	24	32	56
Wayne State	63	60	0	0	5	6	4	5	0	0	0	0	72	71	143
Ohio Northern	35	60	0	0	0	0	0	0	0	0	0	0	35	60	95

TABLE C:

DEGREES CONFERRED BY AACP DISTRICTS

AACP DISTRICT	BS PHARM * M	BS PHARM * F	PHARM D1 M	PHARM D1 F	PHARM D2 M	PHARM D2 F	M. S. M	M. S. F	Ph. D. M	Ph. D. F	HONORARY M	HONORARY F	TOTAL DEGREES M	TOTAL DEGREES F	TOTAL
Ohio State	52	59	0	0	8	8	14	4	5	2	0	0	79	73	152
Cincinnati	32	25	0	0	6	7	1	2	2	0	0	0	41	34	75
Toledo	31	38	0	0	0	0	5	1	0	0	0	0	36	39	75
Wisconsin	41	64	0	0	0	0	11	6	6	2	0	0	58	72	130
TOTAL	385	541	56	87	29	28	42	30	40	16	0	1	552	703	1255
DISTRICT 5															
Drake	33	38	0	0	0	0	0	0	0	0	0	0	33	38	71
Iowa	38	58	4	2	0	0	1	3	4	4	0	0	47	67	114
Minnesota	35	54	9	21	7	6	2	3	10	3	0	0	63	87	150
Creighton	27	17	4	7	0	0	0	0	0	0	0	0	31	24	55
Nebraska	0	0	24	32	0	0	2	1	2	0	0	0	28	33	61
North Dakota	25	26	0	0	1	1	0	1	1	0	0	0	27	28	55
South Dakota	14	22	0	0	0	0	0	0	0	0	0	0	14	22	36
TOTAL	172	215	41	62	8	7	5	8	17	7	0	0	243	299	542
DISTRICT 6															
Arkansas	26	34	0	0	0	0	0	2	0	0	0	0	26	36	62
Kansas	41	31	0	0	0	0	17	8	10	4	0	0	68	43	111
Northeast Louisiana	89	78	0	0	0	0	1	1	3	0	0	0	93	79	172
Xavier	22	30	0	0	0	0	0	0	0	0	0	0	22	30	52
St. Louis	59	92	0	0	0	0	0	1	0	0	0	0	59	93	152
Missouri-KC	24	41	0	0	0	0	3	2	6	1	0	0	33	44	77
S.W. Oklahoma	45	50	0	0	0	0	0	0	0	0	0	0	45	50	95
Oklahoma	26	45	0	0	0	0	0	1	2	1	0	0	28	47	75
Texas Southern	16	23	0	0	0	0	0	0	0	0	0	0	16	23	39
Houston	40	64	0	0	0	0	1	5	4	0	0	0	45	69	114
Texas-Austin	52	80	0	0	7	11	2	3	7	3	0	0	68	97	165
TOTAL	440	568	0	0	7	11	24	23	32	9	0	0	503	611	1114
DISTRICT 7															
Idaho State	25	12	0	0	0	0	2	0	0	0	0	0	27	12	39
Montana	16	14	0	0	0	0	0	0	0	0	0	0	16	14	30
Oregon State	36	40	0	0	0	0	2	1	0	2	0	0	38	43	81
Washington	27	29	0	0	1	5	0	0	2	0	0	0	30	34	64
Washington State	31	21	0	0	0	0	0	0	3	1	0	0	34	22	56
Wyoming	8	16	0	0	0	0	0	0	0	0	0	0	8	16	24
TOTAL	143	132	0	0	1	5	4	1	5	3	0	0	153	141	294
DISTRICT 8															
Arizona	11	25	7	5	0	0	6	3	7	3	0	0	31	36	67
California	0	0	29	71	0	0	0	0	7	4	0	0	36	75	111
Pacific	4	5	35	40	0	0	0	1	1	1	0	0	40	47	87
Southern California	0	0	54	77	0	0	0	0	3	0	0	0	57	77	134
Colorado	28	25	0	0	0	0	0	0	0	0	0	0	28	25	53
New Mexico	17	19	0	0	0	0	4	1	0	0	0	0	21	20	41
Utah	29	15	0	1	1	4	4	0	6	3	0	0	40	23	63
TOTAL	89	89	125	194	1	4	14	5	24	11	0	0	253	303	556

TABLE D: SUMMARY OF DEGREES CONFERRED BY CENSUS DISTRICT AND REGION

CENSUS REGIONS	BS PHARM * M	BS PHARM * F	PHARM D1 M	PHARM D1 F	PHARM D2 M	PHARM D2 F	M. S. M	M. S. F	Ph. D. M	Ph. D. F	HONORARY M	HONORARY F	TOTAL DEGREES M	TOTAL DEGREES F	TOTAL DEGREES TOTAL
New England	151	213	0	0	5	4	16	7	12	7	0	0	184	231	415
Mid Atlantic	489	671	1	11	11	11	58	62	37	6	3	1	599	762	1361
NORTHEAST	640	884	1	11	16	15	74	69	49	13	3	1	783	993	1776
South Atlantic	263	474	84	103	10	15	13	8	15	15	0	1	385	616	1001
East South Central	117	200	17	39	4	4	19	15	11	4	0	0	168	262	430
West South Central	316	404	0	0	7	11	4	12	16	4	0	0	343	431	774
SOUTH	696	1078	101	142	21	30	36	35	42	23	0	1	896	1309	2205
East North Central	364	493	54	82	27	24	41	30	35	13	0	1	521	643	1164
West North Central	296	379	41	62	8	7	25	19	33	12	0	0	403	479	882
MIDWEST	660	872	95	144	35	31	66	49	68	25	0	1	924	1122	2046
Mountain	134	126	7	6	1	4	16	4	13	6	0	0	171	146	317
Pacific	98	95	118	188	1	5	2	2	16	8	0	0	235	298	533
WEST	232	221	125	194	2	9	18	6	29	14	0	0	406	444	850
TOTAL U.S.	2228	3055	322	491	74	85	194	159	188	75	3	3	3009	3868	6877
Puerto Rico	17	71	0	0	0	0	0	0	0	0	0	0	17	71	88
TOTAL AACP	2245	3126	322	491	74	85	194	159	188	75	3	3	3026	3939	6965

TABLE E: ENTRY LEVEL DEGREES CONFERRED BY CENSUS DISTRICT AND REGION

CENSUS REGIONS	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	% CHANGE '77-88
New England	436	563	553	545	605	562	554	454	482	428	362	388	364	-35.3%
% Change	9.0%	29.1%	-1.8%	-1.4%	11.0%	-7.1%	-1.4%	-18.1%	6.2%	-11.2%	-15.4%	7.2%	-15.0%	
Mid Atlantic	1090	1217	1252	1203	1287	1223	1220	1225	1208	1081	1123	1098	1172	-3.7%
% Change	14.4%	11.7%	2.9%	-3.9%	7.0%	-5.0%	-0.2%	0.4%	-1.4%	-10.5%	3.9%	-2.2%	8.4%	
NORTHEAST	1526	1780	1805	1748	1892	1785	1774	1679	1690	1509	1485	1486	1536	-13.7%
% Change	12.8%	16.6%	1.4%	-3.2%	8.2%	-5.7%	-0.6%	-5.4%	0.7%	-10.7%	-1.6%	0.1%	1.8%	
South Atlantic	972	1096	1055	1011	952	976	935	894	760	815	846	897	924	-15.7%
% Change	5.5%	12.8%	-3.7%	-4.2%	-5.8%	2.5%	-4.2%	-4.4%	-15.0%	7.2%	3.8%	6.0%	13.4%	
East South Cen	597	497	527	531	487	470	430	426	378	346	364	301	373	-24.9%
% Change	23.9%	-16.8%	6.0%	0.8%	-8.3%	-3.5%	-8.5%	-0.9%	-11.3%	-8.5%	5.2%	-17.3%	7.8%	
West South Cen	919	1041	939	909	853	772	716	663	614	604	619	629	720	-30.8%
% Change	10.2%	13.3%	-9.8%	-3.2%	-6.2%	-9.5%	-7.3%	-7.4%	-7.4%	-1.6%	2.5%	1.6%	19.2%	
SOUTH	2488	2634	2521	2451	2292	2218	2081	1983	1752	1765	1829	1827	2017	-23.4%
% Change	11.2%	5.9%	-4.3%	-2.8%	-6.5%	-3.2%	-6.2%	-4.7%	-11.6%	0.7%	3.6%	-0.1%	14.3%	
East North Cen	1353	1373	1326	1256	1254	1283	1236	1029	1006	953	971	930	993	-27.7%
% Change	12.9%	1.5%	-3.4%	-5.3%	-0.2%	2.3%	-3.7%	-16.7%	-2.2%	-5.3%	1.9%	-4.2%	4.2%	
West North Cen	896	901	883	885	832	810	750	712	581	661	680	743	778	-13.7%
% Change	9.9%	0.6%	-2.0%	0.2%	-6.0%	-2.6%	-7.4%	-5.1%	-18.4%	13.8%	2.9%	9.3%	17.7%	
MIDWEST	2249	2274	2209	2141	2086	2093	1986	1741	1587	1614	1651	1673	1771	-22.1%
% Change	11.7%	1.1%	-2.9%	-3.1%	-2.6%	0.3%	-5.1%	-12.3%	-8.8%	1.7%	2.3%	1.3%	9.7%	
Mountain	443	457	434	394	407	377	340	305	257	250	244	258	273	-40.3%
% Change	12.4%	3.2%	-5.0%	-9.2%	3.3%	-7.4%	-9.8%	-10.3%	-15.7%	-2.7%	-2.4%	5.7%	9.2%	
Pacific	617	658	644	649	608	620	559	548	592	502	513	518	499	-24.2%
% Change	9.8%	6.6%	-2.1%	0.8%	-6.3%	2.0%	-9.8%	-2.0%	8.0%	-15.2%	2.2%	1.0%	-0.6%	
WEST	1060	1115	1078	1043	1015	997	899	853	849	752	757	776	772	-30.8%
% Change	10.9%	5.2%	-3.3%	-3.2%	-2.7%	-1.8%	-9.8%	-5.1%	-0.5%	-11.4%	0.7%	2.5%	2.7%	
TOTAL U.S.	7323	7803	7613	7383	7285	7093	6740	6256	5878	5640	5722	5762	6096	-21.9%
% Change	11.6%	6.6%	-2.4%	-3.0%	-1.3%	-2.6%	-5.0%	-7.2%	-6.0%	-4.0%	1.5%	0.7%	8.1%	

TABLE F: DEGREES CONFERRED BY STATE

STATE	BS PHARM * M	BS PHARM * F	PHARM D1 M	PHARM D1 F	PHARM D2 M	PHARM D2 F	M. S. M	M. S. F	Ph. D. M	Ph. D. F	HONORARY M	HONORARY F	TOTAL DEGREES M	TOTAL DEGREES F	TOTAL
Alabama	60	103	0	0	2	0	13	8	3	0	0	0	78	111	189
Arizona	11	25	7	5	0	0	6	3	7	3	0	0	31	36	67
Arkansas	26	34	0	0	0	0	0	2	0	0	0	0	26	36	62
California	4	5	118	188	0	0	0	1	11	5	0	0	133	199	332
Colorado	28	25	0	0	0	0	0	0	0	0	0	0	28	25	53
Connecticut	22	53	0	0	0	0	3	1	3	4	0	0	28	58	86
District of Columbia	13	28	2	1	0	0	0	0	0	0	0	0	15	29	44
Florida	17	30	16	35	0	1	1	2	4	4	0	0	38	72	110
Georgia	47	100	50	56	4	1	2	0	4	2	0	1	107	160	267
Idaho	25	12	0	0	0	0	2	0	0	0	0	0	27	12	39
Illinois	0	1	39	49	4	0	1	2	1	2	0	0	45	54	99
Indiana	59	128	2	7	2	3	4	7	13	4	0	1	80	150	230
Iowa	71	96	4	2	0	0	1	3	4	4	0	0	80	105	185
Kansas	41	31	0	0	0	0	17	8	10	4	0	0	68	43	111
Kentucky	21	48	2	5	2	4	1	0	5	3	0	0	31	60	91
Louisiana	111	108	0	0	0	0	1	1	3	0	0	0	115	109	224
Maryland	28	46	0	1	1	4	0	1	3	1	0	0	32	53	85
Massachusetts	101	122	0	0	5	2	11	4	6	2	0	0	123	130	253
Michigan	114	118	13	26	7	6	5	8	8	3	0	0	147	161	308
Minnesota	35	54	9	21	7	6	2	3	10	3	0	0	63	87	150
Mississippi	36	49	0	0	0	0	3	5	3	0	0	0	42	54	96
Missouri	83	133	0	0	0	0	3	3	6	1	0	0	92	137	229
Montana	16	14	0	0	0	0	0	0	0	0	0	0	16	14	30
Nebraska	27	17	28	39	0	0	2	1	2	0	0	0	59	57	116
New Jersey	38	83	0	0	0	0	5	2	5	0	0	0	48	85	133
New Mexico	17	19	0	0	0	0	4	1	0	0	0	0	21	20	41
New York	205	318	0	0	9	7	37	49	19	2	1	0	271	376	647
North Carolina	57	98	5	2	2	3	5	5	1	1	0	0	70	109	179
North Dakota	25	26	0	0	1	1	0	1	1	0	0	0	27	28	55
Ohio	150	182	0	0	14	15	20	7	7	2	0	0	191	206	397
Oklahoma	71	95	0	0	0	0	0	1	2	1	0	0	73	97	170
Oregon	36	40	0	0	0	0	2	1	0	2	0	0	38	43	81
Pennsylvania	246	270	1	11	2	4	16	11	13	4	2	1	280	301	581
Puerto Rico	17	71	0	0	0	0	0	0	0	0	0	0	17	71	88
Rhode Island	28	38	0	0	0	2	2	2	3	1	0	0	33	43	76
South Carolina	44	79	11	8	0	0	3	0	0	2	0	0	58	89	147
South Dakota	14	22	0	0	0	0	0	0	0	0	0	0	14	22	36
Tennessee	0	0	15	34	0	0	2	2	0	1	0	0	17	37	54
Texas	108	167	0	0	7	11	3	8	11	3	0	0	129	189	318
Utah	29	15	0	1	1	4	4	0	6	3	0	0	40	23	63
Virginia	27	61	0	0	3	6	0	0	2	4	0	0	32	71	103
Washington	58	50	0	0	1	5	0	0	5	1	0	0	64	56	120
West Virginia	30	32	0	0	0	0	2	0	1	1	0	0	33	33	66
Wisconsin	41	64	0	0	0	0	11	6	6	2	0	0	58	72	130
Wyoming	8	16	0	0	0	0	0	0	0	0	0	0	8	16	24
TOTAL	2245	3126	322	491	74	85	194	159	188	75	3	3	3026	3939	6965

TABLE G: PHARMACY DEGREES CONFERRED BY ETHNIC GROUP 1972 - 1988

YEAR	WHITE AMERICAN M	WHITE AMERICAN F	BLACK AMERICAN M	BLACK AMERICAN F	HISPANIC AMERICAN M	HISPANIC AMERICAN F	ASIAN AMERICAN M	ASIAN AMERICAN F	INDIAN AMERICAN M	INDIAN AMERICAN F	OTHER AMERICAN M	OTHER AMERICAN F	FOREIGN M	FOREIGN F	TOTAL M	TOTAL F
BACHELOR OF SCIENCE																
1972	3419	914	76	62	80	73					65	53	73	43	3713	1145
1973	3479	980	79	63	105	129	129	90	3	2	5	4	58	58	3858	1326
1974	3847	1263	95	49	121	151	107	99	6	1	11	2	122	83	4309	1648
1975	4267	1472	108	68	114	158	117	71	8		9	8	202	110	4825	1887
1976	4410	1781	107	76	97	144	89	66	9	2	31	5	197	97	4940	2165
1977	4559	2094	106	112	131	174	72	66	6	3	5	3	229	89	5108	2541
1978	4251	2282	121	104	114	169	71	79	2		17	13	139	68	4715	2715
1979	3845	2349	110	148	87	185	71	81	13	2	9	11	125	59	4260	2835
1980	3711	2343	104	134	77	179	94	78	4	1	27	22	137	74	4154	2831
1981	3333	2579	83	133	123	226	73	97		3	5	2	136	76	3753	3116
1982	2996	2562	86	152	80	144	103	95	7	6	12	6	133	66	3417	3031
1983	2545	2371	80	152	86	158	76	100	5	3	54	36	148	105	2994	2925
1984	2239	2236	93	135	127	70	80	93	6	4	100	70	181	112	2826	2720
1985	1949	2285	95	129	89	140	61	105	2	4	1	1	165	121	2362	2785
1986	1914	2257	102	174	78	116	86	98	7	4			183	171	2370	2820
1987	1822	2320	88	174	85	147	78	126	4	4	5	6	153	152	2235	2929
1988	1868	2526	82	156	71	151	59	122	4	6	10	16	151	149	2245	3126
DOCTOR OF PHARMACY (1st Degree)																
1976	131	47					47	26			60	31	12	5	250	109
1977	156	58	1	7	8	2	65	35					25	5	255	107
1978	145	58	4	4	13	2	65	36	3	1			16	8	246	109
1979	180	121	4	10	12	4	75	40					7	8	278	183
1980	165	116	6	5	20	1	67	53	3				6	5	267	180
1981	179	114	5	9	5	7	65	53	1	1			10	5	265	189
1982	133	119	8	4	8	9	62	57					6	5	217	194
1983	151	122	5	4	9	8	67	73			2	1	6	7	240	215
1984	95	106	5	9	11	9	68	98			3	1	6	6	188	229
1985	181	176	15	11	9	7	57	97			2	4	17	12	281	307
1986	173	190	16	14	13	10	48	101					28	17	278	332
1987	190	227	14	22	12	14	46	121			2	2	27	13	291	399
1988	221	328	12	32	13	13	59	95	2			1	15	22	322	491
DOCTOR OF PHARMACY (2nd Degree)																
1973	88	16	3	1			5	1					3		99	18
1974	104	18	4	1			3	2					6	2	117	23
1975	98	16		2	1		4	3					7	5	110	26
1976	82	32	3	1		1		1				1	3	2	88	38
1977	136	36					5	2					6	4	147	42
1978	126	55		4	1	2	4	3					1	1	132	65
1979	133	46	2	1	1		1	1					2	3	139	51
1980	109	52	3	1		2	3						5	5	120	60
1981	91	80	2	5	7	2	2	3				1	7	10	109	101
1982	104	68	2	4		3	2	7	1				10	6	119	88
1983	114	103	5	18	2	5	5	4					10	5	136	135
1984	135	133	4	6		5	4	4			2	2	24	12	169	162
1985	98	76	3	10	1	1	3	4	1		2	4	13	8	121	103
1986	75	79	4	11		6	3	3					15	14	97	113
1987	72	98		5	3	4	1	5			1	3	9	11	86	126
1988	60	64	1	4		1	1	2					12	14	74	85

TABLE G: PHARMACY DEGREES CONFERRED BY ETHNIC GROUP 1972 - 1988

		WHITE AMERICAN		BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		INDIAN AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL	
	YEAR	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
MASTER OF SCIENCE																	
	1972	144	24	1	1	2						1	1	57	30	205	56
	1973	192	24	4	1	2		2	1			20	3	53	24	273	53
	1974	201	42	2	1	1		3	2			2		41	25	250	70
	1975	180	50	3	1	4		2	5			3		58	33	250	89
	1976	220	59	5	1	2	2	18	6			7		49	24	301	92
	1977	227	64	3	2		1	14	4			3		62	19	309	90
	1978	225	68	7	3		3	16	9			3	1	54	33	305	117
	1979	228	81	7	3	2	1	17	9			5		42	40	301	134
	1980	224	75	5	5	1	2	11	16			24	17	50	35	310	150
	1981	192	113	8	9		2	6	8			1		64	31	271	163
	1982	189	93	2	3	2	4	2	4	1		10	17	87	44	293	165
	1983	183	99	1	1	1	3	6	4			28	12	58	30	277	149
	1984	168	86	3	5	1	3	12	4			16	5	53	38	253	141
	1985	134	81	2	8	2	1	8	3			1		63	35	210	128
	1986	166	116	6		3	5	5	2	1				64	47	245	170
	1987	136	95	2	4	2	2	3	8			11	3	43	39	197	151
	1988	125	102	8	4	2	2	6	3		2	1	1	52	45	194	159
DOCTOR OF PHILOSOPHY																	
	1972	110	6	2								1	1	42	6	155	13
	1973	120	9	4		1		3						44	6	172	15
	1974	109	12	3		1		4	1			1		47	6	165	19
	1975	99	10	1	1	2	2	6	1			1		56	10	165	24
	1976	108	10			1		7	5			9	4	38	7	163	26
	1977	91	8	2		1		5			1			48	10	147	19
	1978	106	10	1			1	8	1			3		40	8	158	20
	1979	85	13	1				4	2			2		33	13	125	28
	1980	96	16	3		1		10	2			2	1	43	15	155	34
	1981	112	21	1		1		6	2					32	5	152	28
	1982	105	21	1		1		2	1			1		36	14	146	36
	1983	104	28			1		6	3			3	1	40	22	154	54
	1984	105	30	2		5	2	11	2			6		45	19	174	53
	1985	106	34	2		1	1	6	4	1				59	18	175	57
	1986	112	48	2		1		4	2					73	18	192	68
	1987	119	43	2		4		7	6			7	1	64	30	203	80
	1988	97	48	1	1	3		4	2			1	1	82	23	188	75

TABLE H: DEGREES CONFERRED BY ETHNIC GROUP

BACHELOR OF SCIENCE

SCHOOL	WHITE AMERICAN		BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		INDIAN AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Auburn	31	53	2	1	0	0	0	0	0	0	0	0	0	0	33	54
Samford	27	46	0	3	0	0	0	0	0	0	0	0	0	0	27	49
Arizona	8	23	0	0	2	1	0	0	0	0	0	0	1	1	11	25
Arkansas	25	34	1	0	0	0	0	0	0	0	0	0	0	0	26	34
Pacific	3	1	0	0	0	1	0	2	0	0	0	0	1	1	4	5
Colorado	23	21	0	0	1	0	3	3	0	0	1	1	0	0	28	25
Connecticut	20	50	0	1	1	1	1	1	0	0	0	0	0	0	22	53
Howard	0	0	4	12	1	0	1	1	0	0	0	0	7	15	13	28
Florida A & M	1	3	6	13	1	0	0	0	0	0	1	2	1	0	10	18
Florida	6	9	0	0	1	1	0	2	0	0	0	0	0	0	7	12
Georgia	44	92	2	4	0	2	0	0	0	0	0	0	1	2	47	100
Idaho State	15	10	0	0	1	0	1	1	0	0	0	0	8	1	25	12
Illinois	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Butler	15	36	0	1	0	0	1	1	0	0	0	0	0	1	16	39
Purdue	42	81	1	4	0	0	0	4	0	0	0	0	0	0	43	89
Drake	26	34	0	1	0	1	2	2	0	0	0	0	5	0	33	38
Iowa	38	56	0	1	0	0	0	1	0	0	0	0	0	0	38	58
Kansas	35	28	0	2	0	0	0	0	0	0	0	0	6	1	41	31
Kentucky	21	47	0	0	0	0	0	0	0	0	0	0	0	1	21	48
Northeast Louisiana	75	61	3	8	1	1	2	3	0	2	1	1	7	2	89	78
Xavier	2	7	15	20	0	2	1	0	0	0	0	0	4	1	22	30
Maryland	21	33	1	6	0	0	3	6	0	0	0	0	3	1	28	46
Massachusetts	47	55	2	3	1	2	1	2	0	1	0	6	13	21	64	90
Northeastern	24	21	3	1	4	1	0	2	0	0	2	2	4	5	37	32
Ferris State	48	55	2	2	0	1	0	0	0	0	0	0	1	0	51	58
Wayne State	57	52	3	6	0	0	2	0	0	0	0	0	1	2	63	60
Minnesota	30	49	0	0	0	0	1	1	0	0	0	0	4	4	35	54
Mississippi	33	48	2	1	0	0	0	0	0	0	1	0	0	0	36	49
St. Louis	51	84	3	3	1	1	0	0	0	0	3	3	1	1	59	92
Missouri-KC	22	37	0	1	0	0	0	1	0	0	0	0	2	2	24	41
Montana	14	13	0	0	0	0	0	1	0	0	0	0	2	0	16	14
Creighton	13	10	1	3	1	1	9	1	0	0	0	0	3	2	27	17
Rutgers	29	68	0	2	4	6	5	7	0	0	0	0	0	0	38	83
New Mexico	10	11	1	0	5	6	0	0	0	0	0	0	1	2	17	19
A & M Schwartz	27	33	6	10	2	7	8	15	0	0	0	0	2	2	45	67
St. Johns	65	78	2	6	3	6	1	12	0	0	0	0	14	16	85	118
S.U.N.Y. Buffalo	28	52	0	0	0	0	0	0	0	0	0	0	1	2	29	54
Albany	45	77	0	0	0	0	0	2	0	0	0	0	1	0	46	79
North Carolina	53	91	1	4	0	0	2	2	1	1	0	0	0	0	57	98
North Dakota	25	25	0	0	0	0	0	0	0	0	0	0	0	1	25	26
Ohio Northern	33	54	0	1	0	0	0	1	0	0	0	0	2	4	35	60
Ohio State	51	58	1	1	0	0	0	0	0	0	0	0	0	0	52	59
Cincinnati	30	21	1	2	0	0	0	2	0	0	1	0	0	0	32	25
Toledo	28	34	0	1	0	0	0	0	0	0	0	0	3	3	31	38
S.W. Oklahoma	43	44	0	0	1	1	0	2	0	1	0	0	1	2	45	50
Oklahoma	23	32	0	4	1	0	0	8	1	0	0	0	1	1	26	45
Oregon State	33	40	1	0	0	0	0	0	0	0	0	0	2	0	36	40
Duquesne	61	53	0	0	0	1	0	2	0	0	0	0	2	1	63	57
Philadelphia	73	79	0	3	0	1	0	3	0	0	0	0	9	5	82	91
Temple	52	41	0	0	0	3	3	3	0	0	0	1	6	5	61	53
Pittsburgh	38	68	1	1	0	0	0	0	0	0	0	0	1	0	40	69
Puerto Rico	0	0	0	0	17	71	0	0	0	0	0	0	0	0	17	71
Rhode Island	27	37	1	0	0	1	0	0	0	0	0	0	0	0	28	38
Med. U. of S.C.	20	33	2	1	0	0	0	1	0	0	0	0	0	0	22	35
South Carolina	17	38	2	2	1	2	0	0	0	0	0	0	2	2	22	44
South Dakota	14	22	0	0	0	0	0	0	0	0	0	0	0	0	14	22
Texas Southern	1	0	2	13	3	0	0	0	0	0	0	0	10	10	16	23
Houston	21	34	4	3	3	6	2	6	0	0	0	0	10	15	40	64
Texas-Austin	31	51	2	1	11	21	6	4	0	1	0	0	2	2	52	80
Utah	26	9	0	0	1	1	0	3	1	0	0	0	1	2	29	15
Va. Commonwealth	26	58	1	2	0	1	0	0	0	0	0	0	0	0	27	61
Washington	21	20	1	0	0	0	3	8	0	0	0	0	2	1	27	29
Washington State	28	19	1	0	2	0	0	2	0	0	0	0	0	0	31	21
West Virginia	30	30	0	0	0	0	0	1	0	0	0	0	0	1	30	32
Wisconsin	34	52	1	2	1	0	1	3	1	0	0	0	3	7	41	64
Wyoming	8	14	0	0	0	1	0	0	0	0	0	0	0	1	8	16
TOTAL	1868	2526	82	156	71	151	59	122	4	6	10	16	151	149	2245	3126

TABLE I: DEGREES CONFERRED BY ETHNIC GROUP

PHARM D (1st Degree)

SCHOOL	WHITE AMERICAN M	WHITE AMERICAN F	BLACK AMERICAN M	BLACK AMERICAN F	HISPANIC AMERICAN M	HISPANIC AMERICAN F	ASIAN AMERICAN M	ASIAN AMERICAN F	INDIAN AMERICAN M	INDIAN AMERICAN F	OTHER AMERICAN M	OTHER AMERICAN F	FOREIGN M	FOREIGN F	TOTAL M	TOTAL F
Arizona	4	4	1	0	0	1	2	0	0	0	0	0	0	0	7	5
California	14	28	1	1	3	2	10	37	1	0	0	1	0	2	29	71
Pacific	16	29	0	0	2	0	14	10	0	0	0	0	3	1	35	40
Southern California	14	29	3	4	4	4	27	34	0	0	0	0	6	6	54	77
Howard	0	1	0	0	0	0	0	0	0	0	0	0	2	0	2	1
Florida A & M	1	1	1	6	0	0	0	0	0	0	0	0	0	2	2	9
Florida	11	20	0	0	0	0	1	5	0	0	0	0	2	1	14	26
Mercer	42	38	6	12	2	2	0	1	0	0	0	0	0	3	50	56
Illinois	35	41	0	3	1	2	3	3	0	0	0	0	0	0	39	49
Purdue	2	7	0	0	0	0	0	0	0	0	0	0	0	0	2	7
Iowa	3	2	0	0	1	0	0	0	0	0	0	0	0	0	4	2
Kentucky	2	5	0	0	0	0	0	0	0	0	0	0	0	0	2	5
Maryland	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Michigan	10	24	0	1	0	1	1	0	1	0	0	0	1	0	13	26
Minnesota	8	16	0	0	0	0	1	1	0	0	0	0	0	4	9	21
Creighton	4	5	0	0	0	0	0	1	0	0	0	0	0	1	4	7
Nebraska	23	29	0	1	0	1	0	1	0	0	0	0	1	0	24	32
North Carolina	5	2	0	0	0	0	0	0	0	0	0	0	0	0	5	2
Philadelphia	1	9	0	1	0	0	0	1	0	0	0	0	0	0	1	11
Med. U. of S.C.	10	7	0	0	0	0	0	0	0	0	0	0	0	1	10	8
South Carolina	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Tennessee	15	29	0	3	0	0	0	1	0	0	0	0	0	1	15	34
Utah	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
TOTAL	221	328	12	32	13	13	59	95	2	0	0	1	15	22	322	491

TABLE J: DEGREES CONFERRED BY ETHNIC GROUP

PHARM D (2nd Degree)

SCHOOL	WHITE AMERICAN M	WHITE AMERICAN F	BLACK AMERICAN M	BLACK AMERICAN F	HISPANIC AMERICAN M	HISPANIC AMERICAN F	ASIAN AMERICAN M	ASIAN AMERICAN F	INDIAN AMERICAN M	INDIAN AMERICAN F	OTHER AMERICAN M	OTHER AMERICAN F	FOREIGN M	FOREIGN F	TOTAL M	TOTAL F
Auburn	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Florida A & M	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Mercer	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Georgia	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0
Illinois	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0
Purdue	2	3	0	0	0	0	0	0	0	0	0	0	0	0	2	3
Kentucky	2	1	0	2	0	0	0	0	0	0	0	0	0	1	2	4
Maryland	1	3	0	0	0	0	0	0	0	0	0	0	0	1	1	4
Massachusetts	2	1	1	0	0	0	0	0	0	0	0	0	1	0	4	1
Northeastern	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Michigan	1	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0
Wayne State	2	3	0	0	0	0	0	0	0	0	0	0	3	3	5	6
Minnesota	5	4	0	0	0	0	1	1	0	0	0	0	1	1	7	6
St. Johns	2	2	0	1	0	0	0	0	0	0	0	0	0	1	2	4
S.U.N.Y. Buffalo	2	2	0	0	0	0	0	0	0	0	0	0	5	1	7	3
North Carolina	2	2	0	0	0	0	0	0	0	0	0	0	0	1	2	3
North Dakota	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Ohio State	7	7	0	0	0	0	0	0	0	0	0	0	1	1	8	8
Cincinnati	6	5	0	0	0	0	0	0	0	0	0	0	0	2	6	7
Duquesne	2	4	0	0	0	0	0	0	0	0	0	0	0	0	2	4
Rhode Island	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Texas-Austin	7	9	0	0	0	0	0	0	0	0	0	0	0	2	7	11
Utah	1	3	0	0	0	1	0	0	0	0	0	0	0	0	1	4
Va. Commonwealth	3	6	0	0	0	0	0	0	0	0	0	0	0	0	3	6
Washington	1	4	0	0	0	0	0	1	0	0	0	0	0	0	1	5
TOTAL	60	64	1	4	0	1	1	2	0	0	0	0	12	14	74	85

TABLE K:

DEGREES CONFERRED BY ETHNIC GROUP

MASTER OF SCIENCE

SCHOOL	WHITE AMERICAN		BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		INDIAN AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Auburn	5	1	1	0	0	0	0	0	0	0	0	0	7	7	13	8
Arizona	5	2	1	0	0	0	0	0	0	0	0	0	0	1	6	3
Arkansas	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Pacific	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Connecticut	2	1	0	0	0	0	0	0	0	0	0	0	1	0	3	1
Florida A & M	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Florida	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	2
Georgia	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Idaho State	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0
Illinois	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2
Butler	1	3	0	0	0	0	0	0	0	0	0	0	0	0	1	3
Purdue	2	2	0	1	0	1	0	0	0	0	0	0	1	0	3	4
Iowa	0	2	0	0	0	0	0	0	0	0	0	0	1	1	1	3
Kansas	12	5	0	0	0	0	0	0	0	0	1	0	4	3	17	8
Kentucky	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Northeast Louisiana	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1
Maryland	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Massachusetts	3	0	0	0	0	0	0	0	0	0	0	0	1	0	4	0
Northeastern	6	4	0	0	0	0	0	0	0	0	0	0	1	0	7	4
Michigan	1	3	0	0	0	0	0	0	0	0	0	0	0	0	1	3
Wayne State	3	3	1	1	0	0	0	0	0	0	0	0	0	1	4	5
Minnesota	1	2	0	0	0	0	0	1	0	0	0	0	1	0	2	3
Mississippi	2	4	0	0	0	0	0	0	0	0	0	0	1	1	3	5
St. Louis	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Missouri-KC	2	0	0	0	0	0	0	0	0	0	0	0	1	2	3	2
Nebraska	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1
Rutgers	4	2	0	0	0	0	0	0	0	0	0	0	1	0	5	2
New Mexico	2	0	1	0	0	0	0	0	0	0	0	0	1	1	4	1
A & M Schwartz	9	13	1	2	0	1	4	0	0	2	0	0	3	3	17	21
St. Johns	11	18	0	0	0	0	1	2	0	0	0	0	6	6	18	26
S.U.N.Y. Buffalo	1	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2
North Carolina	4	4	1	0	0	0	0	0	0	0	0	0	0	1	5	5
North Dakota	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Ohio State	11	1	0	0	0	0	0	0	0	0	0	0	3	3	14	4
Cincinnati	0	2	0	0	0	0	0	0	0	0	0	0	1	0	1	2
Toledo	2	1	0	0	0	0	0	0	0	0	0	0	3	0	5	1
Oklahoma	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Oregon State	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1
Duquesne	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Philadelphia	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2
Temple	7	8	1	0	1	0	1	0	0	0	0	1	3	0	13	9
Pittsburgh	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Rhode Island	0	1	0	0	0	0	0	0	0	0	0	0	2	1	2	2
South Carolina	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
Tennessee	1	2	0	0	0	0	0	0	0	0	0	0	1	0	2	2
Houston	1	3	0	0	0	0	0	0	0	0	0	0	0	2	1	5
Texas-Austin	2	2	0	0	0	0	0	0	0	0	0	0	0	1	2	3
Utah	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0
West Virginia	1	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0
Wisconsin	9	5	0	0	0	0	0	0	0	0	0	0	2	1	11	6
TOTAL	125	102	8	4	2	2	6	3	0	2	1	1	52	45	194	159

TABLE L: DEGREES CONFERRED BY ETHNIC GROUP

DOCTOR OF PHILOSOPHY

SCHOOL	WHITE AMERICAN		BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		INDIAN AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Auburn	2	0	1	0	0	0	0	0	0	0	0	0	0	0	3	0
Arizona	6	3	0	0	0	0	0	0	0	0	0	0	1	0	7	3
California	4	3	0	0	1	0	0	0	0	0	0	0	2	1	7	4
Pacific	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
Southern California	0	0	0	0	1	0	1	0	0	0	1	0	0	0	3	0
Connecticut	3	4	0	0	0	0	0	0	0	0	0	0	0	0	3	4
Florida	4	3	0	0	0	0	0	0	0	0	0	0	0	1	4	4
Georgia	2	0	0	0	0	0	0	0	0	0	0	0	2	2	4	2
Illinois	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	2
Purdue	9	3	0	0	1	0	0	0	0	0	0	0	3	1	13	4
Iowa	4	3	0	0	0	0	0	0	0	0	0	0	0	1	4	4
Kansas	5	3	0	0	0	0	0	0	0	0	0	0	5	1	10	4
Kentucky	4	1	0	0	0	0	0	0	0	0	0	0	1	2	5	3
Northeast Louisiana	2	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0
Maryland	2	1	0	0	0	0	0	0	0	0	0	0	1	0	3	1
Massachusetts	1	0	0	0	0	0	0	0	0	0	0	0	3	2	4	2
Northeastern	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0
Michigan	4	3	0	0	0	0	0	0	0	0	0	0	4	0	8	3
Minnesota	3	0	0	0	0	0	0	0	0	0	0	0	7	3	10	3
Mississippi	1	0	0	0	0	0	0	0	0	0	0	0	2	0	3	0
Missouri-KC	4	1	0	0	0	0	0	0	0	0	0	0	2	0	6	1
Nebraska	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0
Rutgers	2	0	0	0	0	0	0	0	0	0	0	0	3	0	5	0
St. Johns	4	0	0	0	0	0	1	0	0	0	0	0	7	0	12	0
S.U.N.Y. Buffalo	3	1	0	0	0	0	0	0	0	0	0	0	4	1	7	2
North Carolina	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1
North Dakota	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Ohio State	2	2	0	0	0	0	0	0	0	0	0	0	3	0	5	2
Cincinnati	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0
Oklahoma	1	0	0	0	0	0	0	1	0	0	0	0	1	0	2	1
Oregon State	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2
Duquesne	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0
Philadelphia	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0
Temple	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Pittsburgh	3	1	0	0	0	0	0	1	0	0	0	0	1	0	4	2
Rhode Island	1	0	0	0	0	0	0	0	0	0	0	0	2	1	3	1
South Carolina	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	2
Tennessee	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Houston	2	0	0	0	0	0	0	0	0	0	0	0	2	0	4	0
Texas-Austin	5	2	0	1	0	0	0	0	0	0	0	0	2	0	7	3
Utah	1	3	0	0	0	0	1	0	0	0	0	0	4	0	6	3
Va. Commonwealth	2	4	0	0	0	0	0	0	0	0	0	0	0	0	2	4
Washington	1	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0
Washington State	1	0	0	0	0	0	0	0	0	0	0	0	2	1	3	1
West Virginia	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Wisconsin	1	1	0	0	0	0	1	0	0	0	0	0	4	1	6	2
TOTAL	97	48	1	1	3	0	4	2	0	0	1	1	82	23	188	75

TABLE M: DEGREES CONFERRED BY ETHNIC GROUP

MASTER OF SCIENCE

PHARMACEUTICAL CHEM. / PHARMACOGNOSY

SCHOOL	WHITE AMERICAN		BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		INDIAN AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Auburn	1	0	1	0	0	0	0	0	0	0	0	0	3	0	5	0
Connecticut	2	1	0	0	0	0	0	0	0	0	0	0	1	0	3	1
Illinois	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Purdue	2	2	0	0	0	0	0	0	0	0	0	0	1	0	3	2
Kansas	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	0
Northeast Louisiana	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1
Massachusetts	3	0	0	0	0	0	0	0	0	0	0	0	1	0	4	0
Northeastern	1	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0
Wayne State	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Mississippi	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Missouri-KC	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Nebraska	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Rutgers	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
A & M Schwartz	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
St. Johns	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
S.U.N.Y. Buffalo	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
North Carolina	1	0	1	0	0	0	0	0	0	0	0	0	0	1	2	1
North Dakota	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Ohio State	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Toledo	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Oregon State	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
Philadelphia	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Temple	3	5	0	0	1	0	0	0	0	0	0	0	0	0	4	5
Pittsburgh	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Rhode Island	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
Texas-Austin	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
West Virginia	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Wisconsin	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
TOTAL	20	13	3	0	2	0	0	0	0	0	0	0	15	9	40	22

TABLE M: DEGREES CONFERRED BY ETHNIC GROUP

MASTER OF SCIENCE

PHARMACOLOGY

SCHOOL	WHITE AMERICAN		BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		INDIAN AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Auburn	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1
Arizona	3	1	1	0	0	0	0	0	0	0	0	0	0	0	4	1
Florida A & M	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Florida	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	2
Kansas	4	0	0	0	0	0	0	0	0	0	0	0	1	0	5	0
Kentucky	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Northeastern	4	2	0	0	0	0	0	0	0	0	0	0	0	0	4	2
Mississippi	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Missouri-KC	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
New Mexico	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
A & M Schwartz	1	3	0	1	0	0	0	0	0	2	0	0	0	2	1	8
St. Johns	5	10	0	0	0	0	1	0	0	0	0	0	0	2	6	12
S.U.N.Y. Buffalo	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Ohio State	2	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0
Toledo	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Oregon State	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Philadelphia	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Temple	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
Wisconsin	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
TOTAL	24	19	2	1	0	0	1	0	0	2	0	1	7	8	34	31

TABLE M:

DEGREES CONFERRED BY ETHNIC GROUP

MASTER OF SCIENCE

PHARMACY ADMINISTRATION

SCHOOL	WHITE AMERICAN		BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		INDIAN AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Auburn	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Arizona	2	1	0	0	0	0	0	0	0	0	0	0	0	1	2	2
Georgia	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Illinois	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Purdue	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Iowa	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Kansas	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Maryland	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Minnesota	1	2	0	0	0	0	0	1	0	0	0	0	1	0	2	3
Mississippi	1	2	0	0	0	0	0	0	0	0	0	0	0	1	1	3
St. Louis	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Missouri-KC	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
A & M Schwartz	8	6	0	1	0	1	3	0	0	0	0	0	0	0	11	8
St. Johns	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1
North Carolina	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1
Ohio State	8	1	0	0	0	0	0	0	0	0	0	0	2	1	10	2
Toledo	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1
Rhode Island	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
South Carolina	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Tennessee	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2
Texas-Austin	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2
Utah	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Wisconsin	2	1	0	0	0	0	0	0	0	0	0	0	1	0	3	1
TOTAL	41	25	0	2	0	1	3	1	0	0	0	0	5	5	49	34

TABLE M:

DEGREES CONFERRED BY ETHNIC GROUP

MASTER OF SCIENCE

PHARMACY PRACTICE

SCHOOL	WHITE AMERICAN		BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		INDIAN AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Iowa	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	3
Kansas	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Northeastern	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2
Wayne State	3	3	0	1	0	0	0	0	0	0	0	0	0	0	3	4
New Mexico	2	0	1	0	0	0	0	0	0	0	0	0	0	1	3	1
A & M Schwartz	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
St. Johns	3	3	0	0	0	0	0	1	0	0	0	0	0	1	3	5
North Carolina	1	3	0	0	0	0	0	0	0	0	0	0	0	0	1	3
Oklahoma	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Houston	1	3	0	0	0	0	0	0	0	0	0	0	0	0	1	3
Utah	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Wisconsin	5	3	0	0	0	0	0	0	0	0	0	0	0	0	5	3
TOTAL	19	22	1	1	0	0	0	1	0	0	0	0	0	3	20	27

TABLE M: DEGREES CONFERRED BY ETHNIC GROUP

MASTER OF SCIENCE

PHARMACEUTICS / PHARMACY

SCHOOL	WHITE AMERICAN		BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		INDIAN AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Auburn	2	0	0	0	0	0	0	0	0	0	0	0	3	6	5	6
Arkansas	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Pacific	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Idaho State	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0
Butler	1	3	0	0	0	0	0	0	0	0	0	0	0	0	1	3
Purdue	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Kansas	5	2	0	0	0	0	0	0	0	0	1	0	0	3	6	5
Michigan	1	3	0	0	0	0	0	0	0	0	0	0	0	0	1	3
Wayne State	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Missouri-KC	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Nebraska	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Rutgers	4	1	0	0	0	0	0	0	0	0	0	0	1	0	5	1
A & M Schwartz	0	2	1	0	0	0	1	0	0	0	0	0	3	1	5	3
St. Johns	0	4	0	0	0	0	0	1	0	0	0	0	6	3	6	8
S.U.N.Y. Buffalo	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Ohio State	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Cincinnati	0	2	0	0	0	0	0	0	0	0	0	0	1	0	1	2
Toledo	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Duquesne	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Philadelphia	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Temple	4	3	1	0	0	0	1	0	0	0	0	0	2	0	8	3
Rhode Island	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
South Carolina	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Tennessee	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Houston	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
West Virginia	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Wisconsin	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2
TOTAL	21	23	2	0	0	1	2	1	0	0	1	0	25	20	51	45

TABLE N:

DEGREES CONFERRED BY ETHNIC GROUP

DOCTOR OF PHILOSOPHY

PHARMACEUTICAL CHEM. / PHARMACOGNOSY

SCHOOL	WHITE AMERICAN		BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		INDIAN AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Auburn	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Arizona	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
California	4	3	0	0	1	0	0	0	0	0	0	0	2	1	7	4
Southern California	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
Connecticut	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Florida	3	1	0	0	0	0	0	0	0	0	0	0	0	0	3	1
Georgia	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Illinois	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	2
Purdue	4	1	0	0	0	0	0	0	0	0	0	0	2	0	6	1
Iowa	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1
Kansas	3	0	0	0	0	0	0	0	0	0	0	0	1	1	4	1
Kentucky	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1
Maryland	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Massachusetts	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0
Michigan	1	3	0	0	0	0	0	0	0	0	0	0	1	0	2	3
Minnesota	1	0	0	0	0	0	0	0	0	0	0	0	4	1	5	1
Mississippi	1	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0
Nebraska	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0
St. Johns	1	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0
S.U.N.Y. Buffalo	2	0	0	0	0	0	0	0	0	0	0	0	2	0	4	0
North Carolina	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1
North Dakota	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Ohio State	1	1	0	0	0	0	0	0	0	0	0	0	2	0	3	1
Oklahoma	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Duquesne	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Philadelphia	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Temple	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2
Pittsburgh	1	0	0	0	0	0	0	1	0	0	0	0	1	0	2	1
Rhode Island	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Tennessee	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Texas-Austin	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Va. Commonwealth	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2
Washington	1	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0
West Virginia	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Wisconsin	0	1	0	0	0	0	1	0	0	0	0	0	1	0	2	1
TOTAL	35	19	0	0	2	0	1	2	0	0	0	0	29	6	67	27

TABLE N: DEGREES CONFERRED BY ETHNIC GROUP

DOCTOR OF PHILOSOPHY

PHARMACOLOGY

SCHOOL	WHITE AMERICAN		BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		INDIAN AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Arizona	2	2	0	0	0	0	0	0	0	0	0	0	1	0	3	2
Southern California	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
Connecticut	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2
Florida	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Purdue	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Kansas	1	1	0	0	0	0	0	0	0	0	0	0	1	0	2	1
Northeast Louisiana	2	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0
Maryland	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Massachusetts	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Northeastern	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Missouri-KC	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1
Rutgers	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
St. Johns	2	0	0	0	0	0	1	0	0	0	0	0	2	0	5	0
S.U.N.Y. Buffalo	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
Ohio State	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Oregon State	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Philadelphia	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Temple	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Pittsburgh	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Rhode Island	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Houston	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Texas-Austin	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
Utah	1	1	0	0	0	0	0	0	0	0	0	0	1	0	2	1
Washington State	1	0	0	0	0	0	0	0	0	0	0	0	2	1	3	1
Wisconsin	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL	27	10	0	0	0	0	1	0	0	0	1	1	10	4	39	15

TABLE N: DEGREES CONFERRED BY ETHNIC GROUP

DOCTOR OF PHILOSOPHY

PHARMACY ADMINISTRATION

SCHOOL	WHITE AMERICAN		BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		INDIAN AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Arizona	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Georgia	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Purdue	0	0	0	0	1	0	0	0	0	0	0	0	1	0	2	0
Minnesota	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1
Missouri-KC	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Oklahoma	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
South Carolina	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	2
Texas-Austin	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
TOTAL	6	2	0	1	1	0	0	0	0	0	0	0	2	2	9	5

TABLE N: DEGREES CONFERRED BY ETHNIC GROUP

DOCTOR OF PHILOSOPHY

PHARMACY PRACTICE

SCHOOL	WHITE AMERICAN M	WHITE AMERICAN F	BLACK AMERICAN M	BLACK AMERICAN F	HISPANIC AMERICAN M	HISPANIC AMERICAN F	ASIAN AMERICAN M	ASIAN AMERICAN F	INDIAN AMERICAN M	INDIAN AMERICAN F	OTHER AMERICAN M	OTHER AMERICAN F	FOREIGN M	FOREIGN F	TOTAL M	TOTAL F
Pacific	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Purdue	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
TOTAL	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	2

TABLE N: DEGREES CONFERRED BY ETHNIC GROUP

DOCTOR OF PHILOSOPHY

PHARMACEUTICS / PHARMACY

SCHOOL	WHITE AMERICAN M	WHITE AMERICAN F	BLACK AMERICAN M	BLACK AMERICAN F	HISPANIC AMERICAN M	HISPANIC AMERICAN F	ASIAN AMERICAN M	ASIAN AMERICAN F	INDIAN AMERICAN M	INDIAN AMERICAN F	OTHER AMERICAN M	OTHER AMERICAN F	FOREIGN M	FOREIGN F	TOTAL M	TOTAL F
Auburn	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0
Arizona	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Pacific	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Southern California	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
Connecticut	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2
Florida	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2
Georgia	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
Purdue	3	1	0	0	0	0	0	0	0	0	0	0	0	1	3	2
Iowa	2	2	0	0	0	0	0	0	0	0	0	0	0	1	2	3
Kansas	1	2	0	0	0	0	0	0	0	0	0	0	3	0	4	2
Kentucky	2	1	0	0	0	0	0	0	0	0	0	0	1	1	3	2
Maryland	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Massachusetts	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1
Northeastern	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Michigan	3	0	0	0	0	0	0	0	0	0	0	0	3	0	6	0
Minnesota	1	0	0	0	0	0	0	0	0	0	0	0	2	1	3	1
Mississippi	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Missouri-KC	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0
Rutgers	1	0	0	0	0	0	0	0	0	0	0	0	3	0	4	0
St. Johns	1	0	0	0	0	0	0	0	0	0	0	0	4	0	5	0
S.U.N.Y. Buffalo	1	1	0	0	0	0	0	0	0	0	0	0	1	0	2	1
Ohio State	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Cincinnati	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0
Oklahoma	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Oregon State	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Duquesne	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Philadelphia	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
Rhode Island	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
Houston	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0
Texas-Austin	2	1	0	0	0	0	0	0	0	0	0	0	1	0	3	1
Utah	0	2	0	0	0	0	1	0	0	0	0	0	3	0	4	2
Va. Commonwealth	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2
West Virginia	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Wisconsin	1	0	0	0	0	0	0	0	0	0	0	0	3	0	4	0
TOTAL	29	15	1	0	0	0	2	0	0	0	0	0	41	10	73	25